

L7  
CM caps WE CLAIM:

CLAIMS

1. A writing aid comprising:

P1 a generally longitudinally extending pear-shaped body defining a substantially triangularly contoured cross-sectional area having a first end section and second bulbous end section,  
5 said first end section having a cross-sectional area substantially less than a cross-sectional area of said second bulbous end section, said body having a longitudinally directed through passage for insert therethrough of a writing implement, said pear-shaped body consisting of first, second and third external surfaces for  
10 3 contiguous interface respectively with a user's thumb, index finger and middle finger, said first surface being continuously concave and extending from said first end section to said second bulbous end section for contiguous interface with substantially the entire contacting area of a first joint of said thumb of said user, said  
15 second surface being continuously concave and extending from said first end section to said second bulbous end section for contiguous interface with a first joint and at least a portion of a second joint of said index finger, said third surface being continuously concave in said longitudinal direction and located in said first  
20 end section for contiguous interface with said middle finger of said user, each of said surfaces defining a respective side of said triangularly contoured cross-sectional area of said pear-shaped body, whereby when said writing instrument is inserted through said passage in said longitudinally extending pear-shaped body with a  
25 writing tip extending therethrough and adjacent said first end section, said body acts as an aid in achieving a correct, relaxed writing position of the fingers and hand of said user.

2. The writing aid of Claim 1 wherein said second end of said body comprises a generally ovoid, bulbous portion with a flattened region near said first concave surface which defines a first depression.

3. The writing aid of Claim 1 wherein said first end is truncated from the general shape of a pear and has a flat end

surface generally perpendicular to said longitudinal axis of said body.

4. The writing aid of Claim 1 wherein said first depression has a shape to accommodate that portion of a human thumb comprising most of the ball and tip thereof on a side of said thumb nearer said index finger, and extending from near said tip of said thumb  
5 to a first joint of said thumb.

5. The writing aid of Claim 4, wherein said first depression has a shape roughly in the outline of an elongated lima bean, and  
B a maximum depth between about 2 and 5 mm.

6. The writing aid of Claim 1 wherein said second concave surface defines a second depression having a shape to accommodate the index finger of a human hand, with a lower tip of said index finger, opposite a nail of said index finger, resting on said 5 second depression, said second depression having an upcurved portion adjacent said first end of said body in contact with a distal portion of said index finger.

7. The writing aid of Claim 6 wherein said second depression has a shape roughly in the outline of an elongated kidney bean,  
B with a maximum depth between about 2 and 7 mm.

8. The writing aid of Claim 1 wherein said third concave surface defines a third depression having a shape to accommodate that portion of the middle finger of a human hand at a first joint thereof, on a side thereof nearer the index finger of the hand,  
5 with said middle finger oriented in a position approximately half way between a direction along said longitudinal axis and a direction transverse thereto.

9. The writing aid of Claim 8, wherein said third depression has a maximum depth of between about 5 and 9 mm and further has a diagonal crease roughly in the shape of a curved line segment having an inflection point at the center thereof, with a line tangent to said curved line segment at said inflection point making an angle of about 45 degrees with respect to a perpendicular projection of said longitudinal axis onto a plane containing a portion of said curved line segment centered on said inflection point.  
5

10. The writing aid of Claim 1 wherein said substantially triangularly contoured cross-sectional area defines first, second, and third included angles, said first angle being approximately 60 degrees.

B 11. The writing aid of Claim 10 wherein said second angle is approximately 60 degrees.

B 12. The writing aid of Claim 10 wherein said third angle is approximately 60 degrees.

B 13. The writing aid of Claim 1 wherein said body has an overall length between said first and second ends of approximately 5.0 cm, said first end has a circumference of approximately 5.5 cm, and a largest circumference of said body is approximately 8.5 cm.

B 14. The writing aid of Claim 13, wherein said first depression has a length of approximately 3 cm and a maximum width of approximately 2 cm.

B 15. The writing aid of Claim 13, wherein said second depression has a maximum length of about 3 cm and a minimum width of about 1 cm.

B 16. The writing aid of Claim 13, wherein said third depression has a length of about 2.5 cm and a minimum width of about 1.5 cm.

B 17. The writing aid of Claim 1 wherein an overall length of said body between said first and second ends thereof is approximately 3.5 cm, a circumference of said first end of said body is approximately 5.5 cm, and a largest circumference of said body is approximately 7.5 cm.

B 18. The writing aid of Claim 17, wherein said first depression has a length of approximately 3 cm and a maximum width of approximately 2 cm.

B 19. The writing aid of Claim 17, wherein said second depression has a maximum length of about 3 cm and a minimum width of about 1 cm.

B 20. The writing aid of Claim 17, wherein said third depression has a length of about 2.5 cm and a minimum width of about 1.5 cm.

21. The writing aid of Claim 1 wherein said body comprises a soft, resilient material.

22. The writing aid of Claim 21, wherein said material comprises rubber.

23. The writing aid of Claim 21, wherein said material comprises a synthetic plastic.

24. The writing aid of Claim 1 further comprising indicia on said body to indicate a proper orientation of said body on said writing instrument and in said hand, said indicia being located on portions of said body excluding said first, second, and third  
5 depressions.

25. The writing aid of Claim 24 wherein said indicia comprise first and second small circular depressions at said second end of said body near said first and second depressions, respectively, with a raised letter "R" inside said first small circular  
5 depression and a raised letter "L" inside said second small circular depression, said letters being oriented with their bases nearest the respective depressions to which they are adjacent.

— END —